This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method of organizing media objects in a database, comprising:

capturing a media object;

detecting attributes of the captured media object indicated in metadata for the captured media object;

identifying media objects stored in the database that are related to the captured media object;

inferring organization information for the captured media object based upon information obtained from each of the stored media objects that are related to the captured media object; and

organizing the captured media object in the database based upon the inferred organization information,

wherein the step of inferring includes a step of determining whether data associated with the captured media object exceeds a-an adaptive threshold, wherein the adaptive threshold is based on a running average of log time gaps between media objects,

wherein the step of inferring includes a step of determining into which group of stored media objects to store the captured media object.

Claim 2 (previously presented): The method according to claim 1, wherein the detecting step comprises:

detecting attributes of the captured media object generated when the media object was captured.

Claim 3 (previously presented): The method according to claim 1, wherein the organizing step includes storing the captured media object in the database, and wherein the method further comprises assigning at least one attribute to the metadata for the captured media object prior to storing the captured media object.

Claim 4 (previously presented): The method according to claim 1, further comprising:

assigning at least one attribute to the metadata for the captured media object based upon the inferred organization information.

Claim 5 (previously presented): The method according to claim 1, further comprising:

detecting common features of the stored media objects;

identifying the stored media objects that have common features; and

eliminating the stored media objects that are not identified prior to inferring the organization information.

Claim 6 (previously presented): The method according to claim 5, further comprising:

adding information to the attributes of the metadata of the captured media object based upon the common features of the stored media objects.

Claim 7 (previously presented): The method according to claim 6, further comprising:

adding information to the metadata of the captured media object indicating that the inferred organization information for the captured media object was determined based upon an inference.

Claim 8 (previously presented): The method according to claim 1, further comprising:

adding information to the metadata of the captured media object indicating that the inferred organization information for the captured media object was determined based upon an inference.

Claim 9 (currently amended): A method of organizing media objects in a database, comprising:

capturing a media object;

determining attributes of the captured media object indicated in metadata for the captured media object;

determining a date on which the captured media object was captured, wherein the date comprises one of the attributes of the captured media object;

comparing the date with <u>adaptive</u> threshold date information<u>, wherein the adaptive threshold date information is based on a running average of log time gaps between photographs</u>;

identifying media objects stored in the database that are related to the captured media object based upon the comparison;

inferring organization information for the captured media object based upon information obtained from each of the stored media objects related to the captured media object; and

organizing the captured media object in the database based upon the inferred organization information,

wherein the step of inferring includes a step of determining whether the date is within the <u>adaptive</u> threshold date information<u>, wherein the adaptive threshold date information is based on a running average of log time gaps between media objects</u>,

wherein the step of inferring includes a step of determining into which group of stored media objects to store the captured media object.

Claim 10 (currently amended): A method of organizing media objects in a database, comprising:

capturing a media object;

determining attributes of the captured media object indicated in metadata for the captured media object;

determining a date on which the captured media object was captured, wherein the date comprises one of the attributes of the captured media object;

comparing the date on which the captured media object was captured with entries in a date book;

inferring organization information for the captured media object ˏbased upon the comparison; and

organizing the captured media object in the database based upon the inferred organization information,

wherein the step of inferring includes a step of determining whether the date on which the captured media object was captured is within a̶ <u>an adaptive</u> threshold range<u>, wherein the adaptive threshold range is based on a running average of log time gaps between media objects</u>,

wherein the step of inferring includes a step of determining into which group of stored media objects to store the captured media object.

Claim 11 (previously presented): The method according to claim 10, wherein the comparing step comprises:

comparing the date on which the captured media object was captured with entries in a global date book.

Claim 12 (currently amended): A method of organizing media objects in a database, comprising:

capturing a media object;

detecting attributes of the captured media object indicated in metadata for the captured media object;

performing an inexact search of the database based upon at least one of the attributes of the captured media object to identify media objects stored in the database that are related to the captured media object;

inferring organization information for the captured media object based upon information obtained from each of the stored media objects that are related to the captured media object; and

organizing the captured media object in the database based upon the inferred organization information,

wherein the step of inferring includes a step of determining whether data associated with the captured media object exceeds a-an adaptive threshold, wherein the adaptive threshold is based on a running average of log time gaps between media objects,

wherein the step of inferring includes a step of determining into which group of stored media objects to store the captured media object.

Claim 13 (previously presented): The method according to claim 12, wherein the inexact search step comprises:

performing an inexact search of the database based upon a date on which the captured media object was captured, wherein the date comprises one of the attributes of the captured media object.

Claim 14 (previously presented): The method according to claim 12, wherein the inexact search step comprises:

performing an inexact search of the database based upon a location where the captured media object was captured, wherein the location comprises one of the attributes of the captured media object.

Claim 15 (currently amended): A method of organizing media objects in a database, comprising:

capturing a media object;

comparing the captured media object with media objects that are stored in the database;

identifying the stored media objects in the database that include features in common with the captured media object;

inferring organization information for the captured media object based upon information, obtained from each of the media objects including features in common with the captured media object, representing organization in the database; and

organizing the captured media object in the database based upon the inferred organization information,

wherein the step of inferring includes a step of determining whether data associated with the captured media object exceeds a—an adaptive threshold, wherein the adaptive threshold is based on a running average of log time gaps between media objects,

wherein the step of inferring includes a step of determining into which group of stored media objects to store the captured media object.

Claim 16 (currently amended): A method of organizing media objects in a database, comprising:

capturing a media object;

identifying a feature of the captured media object;

comparing the feature of the captured media object with stored media objects that are stored in the database;

identifying the stored media objects having the identified feature;

inferring organization information for the captured media object based upon information obtained from each of the stored media objects having the identified feature of the captured media object; and

organizing the captured media object in the database based upon the inferred organization information,

wherein the step of inferring includes a step of determining whether the identified feature of the captured media object exceeds a-an adaptive threshold, wherein the adaptive threshold is based on a running average of log time gaps between media objects,

wherein the step of inferring includes a step of determining into which group of stored media objects to store the captured media object.

Claim 17 (currently amended): A method of organizing media objects in a database, comprising:

capturing a media object;

identifying a feature of the captured media object;

performing an inexact search to detect stored media objects that are stored in the database having the identified feature of the captured media object;

identifying the stored media objects having the identified feature of the captured media object;

inferring organization information for the captured media object based upon information obtained from each of the stored media objects having the feature identified in the captured media object; and

organizing the captured media object in the database based upon the inferred organization information,

wherein the step of inferring includes a step of determining whether the identified feature of the captured media object exceeds a-an adaptive threshold, wherein the adaptive threshold is based on a running average of log time gaps between media objects,

wherein the step of inferring includes a step of determining into which group of stored media objects to store the captured media object.

Claim 18 (currently amended): A computer-readable medium having computer-executable instructions for performing the steps of:

capturing a media object;

detecting attributes of the captured media object indicated in metadata for the captured media object;

identifying media objects stored in the database that are related to the captured media object;

inferring organization information for the captured media object based upon information obtained from each of the stored media objects that are related to the captured media object; and

organizing the captured media object in the database based upon the inferred organization information,

wherein the step of inferring includes a step of determining whether data associated with the captured media object exceeds a-an adaptive threshold, wherein the adaptive threshold is based on a running average of log time gaps between media objects,

wherein the step of inferring includes a step of determining into which group of stored media objects to store the captured media object.

Claim 19 (previously presented): The computer-readable medium according to claim 18, wherein the detecting step comprises:

detecting attributes of the captured media object generated when the captured media object was captured.

Claim 20 (previously presented): The computer-readable medium according to claim 18, wherein the organizing step includes storing the captured media object in the database, the computer-readable medium having further computer-executable instructions for performing the step of assigning at least one attribute to the metadata for the captured media object prior to storing the captured media object.

Claim 21 (previously presented): The computer-readable medium according to claim 18, having further computer-executable instructions for performing the step of:

assigning at least one attribute to the metadata for the captured media object based upon the inferred organization information.

Claim 22 (original): The computer-readable medium according to claim 18, having further computer-executable instructions for performing the steps of:

detecting common features of the stored media objects;

identifying the stored media objects that have common features; and

eliminating the stored media objects that are not identified prior to inferring the organizing information.

Claim 23 (previously presented): The computer-readable medium according to claim 22, having further computer-executable instructions for performing the step of:

adding information to the attributes of the metadata of the captured media object based upon the common features of the stored media objects.

Claim 24 (previously presented): The computer-readable medium according to claim 23, having further computer-executable instructions for performing the step of:

adding information to the metadata of the captured media object indicating that the inferred organization information for the captured media object was determined based upon an inference.

Claim 25 (previously presented): The computer-readable medium according to claim 18, having further computer-executable instructions for performing the step of:

adding information to the metadata of the captured media object indicating that the inferred organization information for the captured media object was determined based upon an inference.

Claim 26 (currently amended): A computer-readable medium having computer-executable instructions for performing the steps of:

capturing a media object;

determining attributes of the captured media object indicated in metadata for the captured media object;

determining a date on which the captured media object was captured, wherein the date comprises one of the attributes of the captured media object;

comparing the date with adaptive threshold date information, wherein the adaptive threshold date information is based on a running average of log time gaps between media objects;

identifying stored media objects stored in the database that are related to the captured media object based upon the comparison;

inferring organization information for the captured media object based upon information obtained from each of the stored media objects related to the captured media object; and

organizing the captured media object in the database based upon the inferred organization information,

wherein the step of inferring includes a step of determining whether the date is within the adaptive threshold date information,

wherein the step of inferring includes a step of determining into which group of stored media objects to store the captured media object.

Claim 27 (currently amended): A computer-readable medium having computer-executable instructions for performing the steps of:

capturing a media object;

determining attributes of the captured media object indicated in metadata for the captured media object;

determining a date on which the captured media object was captured, wherein the date comprises one of the attributes of the captured media object;

comparing the date on which the captured media object was captured with entries in a date book;

inferring organization information for the captured media object based upon the comparison; and

organizing the captured media object in the database based upon the inferred organization information,

wherein the step of inferring includes a step of determining whether the date on which the captured media object was captured is within a-an adaptive threshold range, wherein the adaptive threshold range is based on a running average of log time gaps between media objects,

wherein the step of inferring includes a step of determining into which group of stored media objects to store the captured media object.

Claim 28 (previously presented): The computer-readable medium according to claim 27, wherein the comparing step comprises:

comparing the date on which the captured media object was captured with entries in a global date book.

Claim 29 (currently amended): A computer-readable medium having computer-executable instructions for performing the steps of:

capturing a media object;

detecting attributes of the captured media object indicated in metadata for the captured media object;

performing an inexact search of the database based upon at least one of the attributes of the captured media object to identify stored media objects stored in the database that are related to the captured media object;

inferring organization information for the captured media object based upon information obtained from each of the stored media objects that are related to the captured media object; and

organizing the captured media object in the database based upon the inferred organization information,

wherein the step of inferring includes a step of determining whether data associated with the captured media object exceeds a-an adaptive threshold, wherein the adaptive threshold is based on a running average of log time gaps between media objects,

wherein the step of inferring includes a step of determining into which group of stored media objects to store the captured media object.

Claim 30 (previously presented): The computer-readable medium according to claim 29, wherein the inexact search step comprises:

performing an inexact search of the database based upon a date on which the captured media object was captured, wherein the date comprises one of the attributes of the captured media object.

Claim 31 (previously presented): The computer-readable medium according to claim 29, wherein the inexact search step comprises:

performing an inexact search of the database based upon a location where the captured media object was captured, wherein the location comprises one of the attributes of the captured media object.

Claim 32 (currently amended): A computer-readable medium having computer-executable instructions for performing the steps of:

capturing a media object;

comparing the captured media object with stored media objects that are stored in the database;

identifying the stored media objects in the database that include features in common with the captured media object;

inferring organization information for the captured media object based upon information obtained from each of the media objects including features in common with the captured media object; and

organizing the captured media object in the database based upon the inferred organization information,

wherein the step of inferring includes a step of determining whether data associated with the captured media object exceeds a-an adaptive threshold, wherein the adaptive threshold is based on a running average of log time gaps between media objects,

wherein the step of inferring includes a step of determining into which group of stored media objects to store the captured media object.

Claim 33 (currently amended): A computer-readable medium having computer-executable instructions for performing the steps of:

capturing a media object;

identifying a feature of the captured media object;

comparing the feature of the captured media object with stored media objects that are stored in the database;

identifying the stored media objects having the identified feature of the captured media object;

inferring organization information for the captured media object based upon information obtained from each of the stored media objects having the identified feature of the captured media object; and

organizing the captured media object in the database based upon the inferred organization information,

wherein the step of inferring includes a step of determining whether the identified feature of the captured media object exceeds a an adaptive threshold, wherein the adaptive threshold is based on a running average of log time gaps between media objects,

wherein the step of inferring includes a step of determining into which group of stored media objects to store the captured media object.

Claim 34 (currently amended): A computer-readable medium having computer-executable instructions for performing the steps of:

capturing a media object;

identifying a feature of the captured media object;

performing an inexact search to detect stored media objects that are stored in the database having the identified feature of the captured media object;

identifying the stored media objects having the identified feature of the captured media object;

inferring organization information for the captured media object based upon information obtained from each of the stored media objects having the feature identified in the captured media object; and

organizing the captured media object in the database based upon the inferred organization information,

wherein the step of inferring includes a step of determining whether the identified feature of the captured media object exceeds a̶ an adaptive threshold, wherein the adaptive threshold is based on a running average of log time gaps between media objects,

wherein the step of inferring includes a step of determining into which group of stored media objects to store the captured media object.

Claims 35-47 (canceled).

Claim 48 (currently amended): The method of claim 1, wherein the adaptive threshold is a temporal designation and the group of stored media objects is a collection.

Claim 49 (currently amended): A method of organizing media objects in a database, comprising:

capturing a media object;

identifying media objects stored in a database that are related to the captured media object;

obtaining information from each of the stored media objects that are related to the captured media object;

determining where the captured media object is to be stored with respect to the stored media objects that are related to the captured media object based upon the obtained information; and

storing the captured media object in the database̶.,

wherein the step of determining where the captured media object is to be stored further comprises the step of computing an adaptive threshold, wherein the adaptive threshold is based on a running average of log time gaps between media objects.

Claim 50 (New): The method of claim 1, wherein the adaptive threshold is computed using the formula:

$$\log(X_n) = \log(17) + \tfrac{1}{20} \sum_{i=n-10}^{n+9} \log(t_i + 1 - t_i),$$

wherein t_i is a creation time of a media object i and X_n is a threshold that is compared to a difference between a creation time of media object n and media object n+1.

Claim 51 (New): The method of claim 9, wherein the adaptive threshold date information is computed based on the formula:

$$\log(X_n) = \log(17) + \tfrac{1}{20} \sum_{i=n-10}^{n+9} \log(t_i + 1 - t_i),$$

wherein t_i is a creation time of a media object i and X_n is a threshold that is compared to a difference between a creation time of media object n and media object n+1.

Claim 52 (New): The method of claim 10, wherein the adaptive threshold range is computed based on the formula:

$$\log(X_n) = \log(17) + \tfrac{1}{20} \sum_{i=n-10}^{n+9} \log(t_i + 1 - t_i),$$

wherein t_i is a creation time of a media object i and X_n is a threshold that is compared to a difference between a creation time of media object n and media object n+1.

Claim 53 (New): The method of claim 12, wherein the adaptive threshold is computed based on the formula:

$$\log(X_n) = \log(17) + \tfrac{1}{20} \sum_{i=n-10}^{n+9} \log(t_i + 1 - t_i),$$

wherein t_i is a creation time of a media object i and X_n is a threshold that is compared to a difference between a creation time of media object n and media object n+1.

Claim 54 (New): The method of claim 15, wherein the adaptive threshold is computed based on the formula:

$$\log(X_n) = \log(17) + \tfrac{1}{20} \sum_{i=n-10}^{n+9} \log(t_i + 1 - t_i),$$

wherein t_i is a creation time of a media object i and X_n is a threshold that is compared to a difference between a creation time of media object n and media object n+1.

Claim 55 (New): The method of claim 16, wherein the adaptive threshold is computed based on the formula:

$$\log(X_n) = \log(17) + \tfrac{1}{20} \sum_{i=n-10}^{n+9} \log(t_i + 1 - t_i),$$

wherein t_i is a creation time of a media object i and X_n is a threshold that is compared to a difference between a creation time of media object n and media object n+1.

Claim 56 (New): The method of claim 17, wherein the adaptive threshold is computed based on the formula:

$$\log(X_n) = \log(17) + \tfrac{1}{20} \sum_{i=n-10}^{n+9} \log(t_i + 1 - t_i),$$

wherein t_i is a creation time of a media object i and X_n is a threshold that is compared to a difference between a creation time of media object n and media object n+1.

Claim 57 (New): The computer-readable medium having computer-executable instructions of claim 18, wherein the adaptive threshold is computed based on the formula:

$$\log(X_n) = \log(17) + \tfrac{1}{20} \sum_{i=n-10}^{n+9} \log(t_i + 1 - t_i),$$

wherein t_i is a creation time of a media object i and X_n is a threshold that is compared to a difference between a creation time of media object n and media object n+1.

Claim 58 (New): The computer-readable medium having computer-executable instructions of claim 26, wherein the adaptive threshold date information is computed based on the formula:

$$\log(X_n) = \log(17) + \tfrac{1}{20} \sum_{i=n-10}^{n+9} \log(t_i + 1 - t_i),$$

wherein t_i is a creation time of a media object i and X_n is a threshold that is compared to a difference between a creation time of media object n and media object n+1.

Claim 59 (New): The computer-readable medium having computer-executable instructions of claim 27, wherein the adaptive threshold range is computed based on the formula:

$$\log(X_n) = \log(17) + \tfrac{1}{20} \sum_{i=n-10}^{n+9} \log(t_i + 1 - t_i),$$

wherein t_i is a creation time of a media object i and X_n is a threshold that is compared to a difference between a creation time of media object n and media object n+1.

Claim 60 (New): The computer-readable medium of claim 29, wherein the adaptive threshold is computed based on the formula:

$$\log(X_n) = \log(17) + \tfrac{1}{20} \sum_{i=n-10}^{n+9} \log(t_i + 1 - t_i),$$

wherein t_i is a creation time of a media object i and X_n is a threshold that is compared to a difference between a creation time of media object n and media object n+1.

Claim 61 (New): The computer-readable medium of claim 34, wherein the adaptive threshold is computed based on the formula:

$$\log(X_n) = \log(17) + \tfrac{1}{20} \sum_{i=n-10}^{n+9} \log(t_i + 1 - t_i),$$

wherein t_i is a creation time of a media object i and X_n is a threshold that is compared to a difference between the creation time of media object n and media object n+1.

Claim 62 (New): The method of claim 49, wherein the adaptive threshold is computed based on the formula:

$$\log(X_n) = \log(17) + \tfrac{1}{20} \sum_{i=n-10}^{n+9} \log(t_i + 1 - t_i),$$

wherein t_i is a creation time of a media object i and X_n is a threshold that is compared to a difference between the creation time of media object n and media object n+1.